

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111119\
 Data File : VD064193.D
 Acq On : 11 Nov 2019 22:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 12 04:10:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	67	0.00
2 T	Dichlorodifluoromethane	0.415	0.394	5.1	61	0.00
3 P	Chloromethane	0.445	0.527	-18.4	78	0.00
4 C	Vinyl Chloride	0.476	0.556	-16.8#	74	0.00
5 T	Bromomethane	0.300	0.355	-18.3	75	0.00
6 T	Chloroethane	0.304	0.374	-23.0#	78	0.00
7 T	Trichlorofluoromethane	0.771	0.865	-12.2	71	0.00
8 T	Diethyl Ether	0.212	0.250	-17.9	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.440	0.2	65	-0.01
10 T	Methyl Iodide	0.440	0.502	-14.1	62	0.00
11 T	Tert butyl alcohol	0.029	0.035	-20.7#	77	0.00
12 CM	1,1-Dichloroethene	0.420	0.452	-7.6#	69	0.00
13 T	Acrolein	0.024	0.031	-29.2#	70	0.00
14 T	Allyl chloride	0.743	0.824	-10.9	70	-0.01
15 T	Acrylonitrile	0.090	0.109	-21.1#	78	0.00
16 T	Acetone	0.097	0.104	-7.2	66	0.00
17 T	Carbon Disulfide	1.308	1.412	-8.0	68	0.00
18 T	Methyl Acetate	0.272	0.350	-28.7#	86	0.00
19 T	Methyl tert-butyl Ether	1.003	1.209	-20.5#	77	0.00
20 T	Methylene Chloride	0.492	0.515	-4.7	72	0.00
21 T	trans-1,2-Dichloroethene	0.476	0.532	-11.8	72	-0.01
22 T	Diisopropyl ether	1.378	1.634	-18.6	76	0.00
23 T	Vinyl Acetate	0.768	0.914	-19.0	73	0.00
24 P	1,1-Dichloroethane	0.800	0.920	-15.0	73	0.00
25 T	2-Butanone	0.126	0.149	-18.3	75	0.00
26 T	2,2-Dichloropropane	0.785	0.775	1.3	64	0.00
27 T	cis-1,2-Dichloroethene	0.510	0.599	-17.5	76	0.00
28 T	Bromochloromethane	0.279	0.360	-29.0#	78	0.00
29 T	Tetrahydrofuran	0.076	0.096	-26.3#	81	0.00
30 C	Chloroform	0.819	0.973	-18.8#	76	0.00
31 T	Cyclohexane	0.807	0.770	4.6	65	0.00
32 T	1,1,1-Trichloroethane	0.784	0.855	-9.1	70	0.00
33 S	1,2-Dichloroethane-d4	0.411	0.458	-11.4	67	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.287	0.292	-1.7	66	0.00
36 T	1,1-Dichloropropene	0.461	0.461	0.0	68	0.00
37 T	Ethyl Acetate	0.195	0.219	-12.3	78	0.00
38 T	Carbon Tetrachloride	0.494	0.488	1.2	67	0.00
39 T	Methylcyclohexane	0.584	0.542	7.2	64	0.00
40 TM	Benzene	1.261	1.338	-6.1	72	0.00
41 T	Methacrylonitrile	0.122	0.129	-5.7	69	0.00
42 TM	1,2-Dichloroethane	0.379	0.424	-11.9	77	0.00
43 T	Isopropyl Acetate	0.401	0.455	-13.5	78	0.00
44 TM	Trichloroethene	0.379	0.390	-2.9	70	0.00
45 C	1,2-Dichloropropane	0.307	0.335	-9.1#	75	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.164	0.181	-10.4	75	0.00
47 T	Bromodichloromethane	0.443	0.493	-11.3	76	0.00
48 T	Methyl methacrylate	0.196	0.212	-8.2	76	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.083	1.073	0.9	64	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.222	-15.6	80	0.00
52 CM	Toluene	0.829	0.874	-5.4#	72	0.00
53 T	t-1,3-Dichloropropene	0.443	0.479	-8.1	74	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.557	-7.7	73	0.00
55 T	1,1,2-Trichloroethane	0.223	0.259	-16.1	79	0.00
56 T	Ethyl methacrylate	0.312	0.352	-12.8	77	0.00
57 T	1,3-Dichloropropane	0.389	0.438	-12.6	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.143	-13.5	78	0.00
59 T	2-Hexanone	0.137	0.153	-11.7	76	0.00
60 T	Dibromochloromethane	0.311	0.347	-11.6	77	0.00
61 T	1,2-Dibromoethane	0.223	0.252	-13.0	77	0.00
62 S	4-Bromofluorobenzene	0.375	0.376	-0.3	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.385	0.403	-4.7	73	0.00
65 PM	Chlorobenzene	1.017	1.055	-3.7	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.410	-5.9	75	0.00
67 C	Ethyl Benzene	1.839	2.112	-14.8#	81	0.00
68 T	m/p-Xylenes	0.705	0.735	-4.3	73	0.00
69 T	o-Xylene	0.654	0.698	-6.7	75	0.00
70 T	Styrene	1.141	1.195	-4.7	73	0.00
71 P	Bromoform	0.220	0.247	-12.3	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73 T	Isopropylbenzene	3.670	3.710	-1.1	71	0.00
74 T	N-amyl acetate	0.867	0.944	-8.9	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.553	0.612	-10.7	79	0.00
76 T	1,2,3-Trichloropropane	0.403	0.406	-0.7	71	0.00
77 T	Bromobenzene	0.892	0.940	-5.4	74	0.00
78 T	n-propylbenzene	4.193	4.168	0.6	70	0.00
79 T	2-Chlorotoluene	2.367	2.432	-2.7	72	0.00
80 T	1,3,5-Trimethylbenzene	3.016	3.074	-1.9	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.203	0.212	-4.4	74	0.00
82 T	4-Chlorotoluene	2.469	2.578	-4.4	74	0.00
83 T	tert-Butylbenzene	2.659	2.606	2.0	69	0.00
84 T	1,2,4-Trimethylbenzene	2.977	3.107	-4.4	74	0.00
85 T	sec-Butylbenzene	3.571	3.477	2.6	68	0.00
86 T	p-Isopropyltoluene	3.395	3.266	3.8	68	0.00
87 T	1,3-Dichlorobenzene	1.655	1.737	-5.0	75	0.00
88 T	1,4-Dichlorobenzene	1.615	1.706	-5.6	73	0.00
89 T	n-Butylbenzene	3.068	2.950	3.8	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.633	-1.0	72	0.00
91 T	1,2-Dichlorobenzene	1.401	1.506	-7.5	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.110	-11.1	82	0.00
93 T	1,2,4-Trichlorobenzene	1.081	1.114	-3.1	72	0.00
94 T	Hexachlorobutadiene	0.698	0.659	5.6	66	0.00
95 T	Naphthalene	1.771	2.356	-33.0#	94	0.00
96 T	1,2,3-Trichlorobenzene	0.919	0.979	-6.5	75	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6